OIPE

┌───┐
│   This Raw Listing contains the General Information   │
│   Section and up to first 5 pages.   │
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ENTERED

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 1    <110> APPLICANT: Khoja, Hamiduddin
 2          Shyamala, Venkatakrishna
 3    <120> TITLE OF INVENTION: Isolated VSHK-1 Receptor Polypeptides
 4          and Methods of Use Thereof
 5    <130> FILE REFERENCE: 2300-1544
 6    <140> CURRENT APPLICATION NUMBER: US/09/433,360
 7    <141> CURRENT FILING DATE: 1999-11-03
 8    <150> EARLIER APPLICATION NUMBER: 60/107,112
 9    <151> EARLIER FILING DATE: 1998-11-04
10    <150> EARLIER APPLICATION NUMBER: 60/114,856
11    <151> EARLIER FILING DATE: 1999-01-06
12    <160> NUMBER OF SEQ ID NOS: 14
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21          atgaggaaaa tgaaatgaat ggcacttatg actacagtca atatgaactg atctgtatca     180
22          aagaagatgt cagagaattt gcaaaagttt tcctccctgt attcctcaca atagttttcg     240
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24          gaaccaaaac agatgtgtac atcctgaatt tggctgtagc agatttactc cttctattca     360
25          ctctgccttt ttgggctgtt aatgcagttc atgggtgggt tttagggaaa ataatgtgca     420
26          aaataacttc agccttgtac acactaaact ttgtctctgg aatgcagttt ctggcttgta     480
27          tcagcataga cagatatgtg gcagtaacta agtccccag ccaatcagga gtgggaaaac       540
28          catgctggat catctgtttc tgtgtctgga tggctgccat cttgctgagc ataccccagc     600
29          tggtttttta tacagtaaat gacaatgcta ggtgcattcc cattttcccc cgctacctag     660
30          gaacatcaat gaaagcattg attcaaatgc tagagatctg cattggattt gtagtaccct     720
31          ttcttattat ggggggtgtgc tactttatca cagcaaggac actcatgaag atgccaaaca     780
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33          aactgcctta taacattgtc aagttctgcc gagccataga catcatctac tccctgatca     900
34          ccagctgcaa catgagcaaa cgcatggaca tcgccatcca agtcacagaa agcatcgcac     960
35          tctttcacag ctgcctcaac ccaatccttt atgttttat gggagcatct ttcaaaaact     1020
36          acgttatgaa agtggccaag aaatatgggt cctggagaag acagagacaa agtgtggagg     1080
37          agtttccttt tgattctgag ggtcctacag agccaaccag tactttagc atttaaaggt      1140
38          aaaactgctc tgccttttgc ttggatacat atgaatgatg ctttccctc aaataaaaca      1200
39          tctgcattat tctgaaactc aaatctcaga cgccgtggtt gcaacttata ataaagaatg     1260
40          ggttggggga agggggagaa ataaaagcca agaagaggaa acaagataat aaatgtacaa     1320
41          aacatgaaaa ttaaaatgaa caatatagga aaataattgt aacaggcata agtgaataac     1380
42          actctgctgt aacgaagaag agcttgtgg tgataatttt gtatcttggt tgcagtggtg       1440
43          cttatacaaa tctacacaag tgataaaatg acacagaact atatacacac attgtaccaa     1500
44          tttcaatttc ctggttttga cattatagta taattatgta agatggaacc attggggaaa     1560
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45          actgggtgaa gggtacccag gaccactctg taccatcttt gtaacttcct gtgaatttat    1620
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47          aaaacagatt attaaagagg ttcatgttaa aaggcattta taattatttt taattatcta    1740
48          agttttaata caagaacgat ttccctgcat aatttttagta cttgaataag tatgcagcag    1800
49          aactccaact atctttttc ctgttttttt taaatttgta agtaattta taaaatccac     1860
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54   <212> TYPE: PRT
55   <213> ORGANISM: Homo sapiens
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60                          20                  25                  30
61          Lys Glu Asp Val Arg Glu Phe Ala Lys Val Phe Leu Pro Val Phe Leu
62                      35                  40                  45
63          Thr Ile Val Phe Val Ile Gly Leu Ala Gly Asn Ser Met Val Val Ala
64                  50                  55                  60
65          Ile Tyr Ala Tyr Tyr Lys Lys Gln Arg Thr Lys Thr Asp Val Tyr Ile
66          65                  70                  75                  80
67          Leu Asn Leu Ala Val Ala Asp Leu Leu Leu Leu Phe Thr Leu Pro Phe
68                          85                  90                  95
69          Trp Ala Val Asn Ala Val His Gly Trp Val Leu Gly Lys Ile Met Cys
70                          100                 105                 110
71          Lys Ile Thr Ser Ala Leu Tyr Thr Leu Asn Phe Val Ser Gly Met Gln
72                      115                 120                 125
73          Phe Leu Ala Cys Ile Ser Ile Asp Arg Tyr Val Ala Val Thr Lys Val
74                  130                 135                 140
75          Pro Ser Gln Ser Gly Val Gly Lys Pro Cys Trp Ile Ile Cys Phe Cys
76          145                 150                 155                 160
77          Val Trp Met Ala Ala Ile Leu Leu Ser Ile Pro Gln Leu Val Phe Tyr
78                          165                 170                 175
79          Thr Val Asn Asp Asn Ala Arg Cys Ile Pro Ile Phe Pro Arg Tyr Leu
80                          180                 185                 190
81          Gly Thr Ser Met Lys Ala Leu Ile Gln Met Leu Glu Ile Cys Ile Gly
82                      195                 200                 205
83          Phe Val Val Pro Phe Leu Ile Met Gly Val Cys Tyr Phe Ile Thr Ala
84                  210                 215                 220
85          Arg Thr Leu Met Lys Met Pro Asn Ile Lys Ile Ser Arg Pro Leu Lys
86          225                 230                 235                 240
87          Val Leu Leu Thr Val Val Ile Val Phe Ile Val Thr Gln Leu Pro Tyr
88                          245                 250                 255
89          Asn Ile Val Lys Phe Cys Arg Ala Ile Asp Ile Ile Tyr Ser Leu Ile
90                          260                 265                 270
91          Thr Ser Cys Asn Met Ser Lys Arg Met Asp Ile Ala Ile Gln Val Thr
92                      275                 280                 285
93          Glu Ser Ile Ala Leu Phe His Ser Cys Leu Asn Pro Ile Leu Tyr Val
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 95          Phe Met Gly Ala Ser Phe Lys Asn Tyr Val Met Lys Val Ala Lys Lys
 96          305             310             315             320
 97          Tyr Gly Ser Trp Arg Arg Gln Arg Gln Ser Val Glu Glu Phe Pro Phe
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 99          Asp Ser Glu Gly Pro Thr Glu Pro Thr Ser Thr Phe Ser Ile
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103   <212> TYPE: DNA
104   <213> ORGANISM: Homo sapiens
105   <400> SEQUENCE: 3
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108   <211> LENGTH: 22
109   <212> TYPE: DNA
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112        ctttgccatc tagagtggag cc                                          22
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114   <211> LENGTH: 82
115   <212> TYPE: DNA
116   <213> ORGANISM: Artificial Sequence
117   <220> FEATURE:
118   <221> NAME/KEY: misc_feature
119   <222> LOCATION: (1)...(82)
120   <223> OTHER INFORMATION: n = A,T,C or G
121   <223> OTHER INFORMATION: encodes synthetic peptide
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124        nsnnsccgcc tccacctcca cc                                          82
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128   <213> ORGANISM: Artificial Sequence
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131   <222> LOCATION: (1)...(93)
132   <223> OTHER INFORMATION: n = inosine
133   <223> OTHER INFORMATION: encodes synthetic peptide
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136        nnnnnnttca gcggagtgag aatagaaagg tac                              93
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139   <212> TYPE: DNA
140   <213> ORGANISM: Artificial Sequence
141   <220> FEATURE:
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148   <213> ORGANISM: Artificial Sequence
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152         gcaggctcgg gaattcggga aatgtgcgcg gaaccc                    36
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154   <211> LENGTH: 21
155   <212> TYPE: DNA
156   <213> ORGANISM: Artificial Sequence
157   <220> FEATURE:
158   <223> OTHER INFORMATION: mutagenic oligonucleotides
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162   <211> LENGTH: 25
163   <212> TYPE: DNA
164   <213> ORGANISM: Artificial Sequence
165   <220> FEATURE:
166   <223> OTHER INFORMATION: mutagenic oligonucleotides
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168         agaatagaaa ggtaccacta aagga                                25
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170   <211> LENGTH: 39
171   <212> TYPE: DNA
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173   <220> FEATURE:
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189   <220> FEATURE:
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VERIFICATION SUMMARY
PATENT APPLICATION **US/09/433,360**

Input Set: **I433360.RAW**

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123	W	"N" or "Xaa" used: Feature required	ctttctattc tcactccgct gaannsnnsn nsnnsnns
124	W	"N" or "Xaa" used: Feature required	nsnnsccgcc tccacctcca cc
135	W	"N" or "Xaa" used: Feature required	ggccggtgga ggtggaggcg gnnnnnnnnn nnnnnnnn
136	W	"N" or "Xaa" used: Feature required	nnnnnnttca gcggagtgag aatagaaagg tac